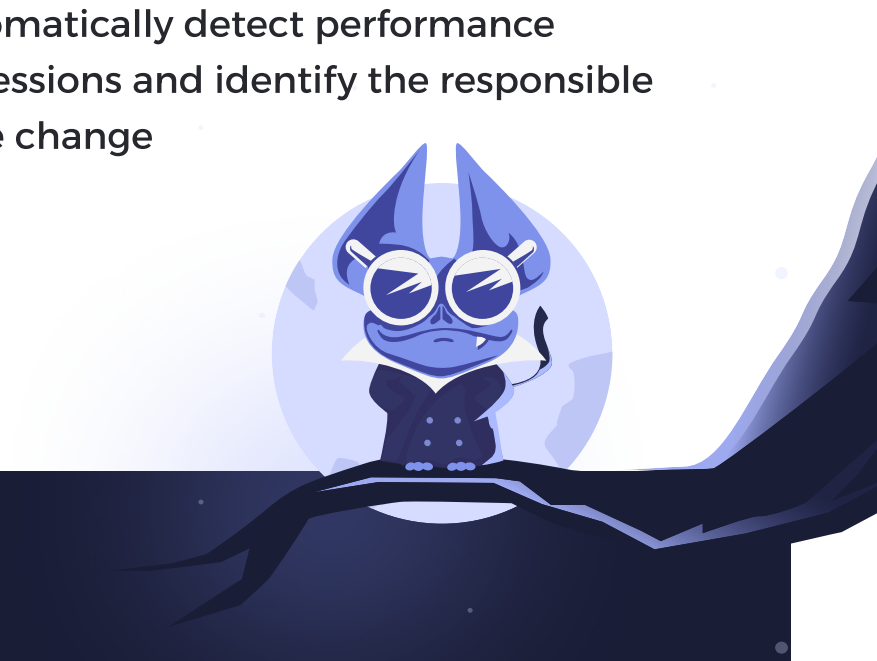
About Digma

Digma is a platform for engineering teams that automatically detects quality and performance regressions in the code, across the SDLC.

By using Digma, the teams are alerted to code-level issues before they reach production, and are provided with automated root cause analysis all the way to the specific source control change, eliminating investigation time.

Main Capabilities

- Analyze observability data from prod/pre-prod to detect code-level issues such as bottlenecks, scaling problems, runtime errors, and query inefficiencies
- Automatically identify the issue's root cause and provide the relevant data in the IDE
- For each code change and PR, analyze the impact on other services and code areas
- Prioritize detected issues by their impact on the application performance, and cost
- Automatically detect performance regressions and identify the responsible code change



Cost reduction use case

1

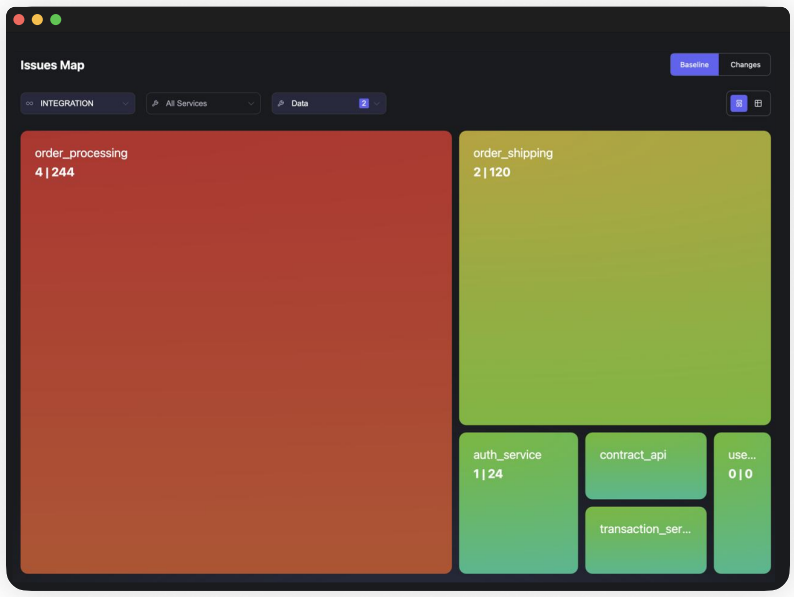
Identify issues with high cost impact

Analyze observability data from prod/pre-prod to detect code-level issues such as bottlenecks, scaling problems, runtime errors, and query inefficiencies.

2

Optimize costly code

Digma uses observability data to assess which areas of the code take up the most resources allowing teams to concentrate optimization efforts to get the highest cost reduction.

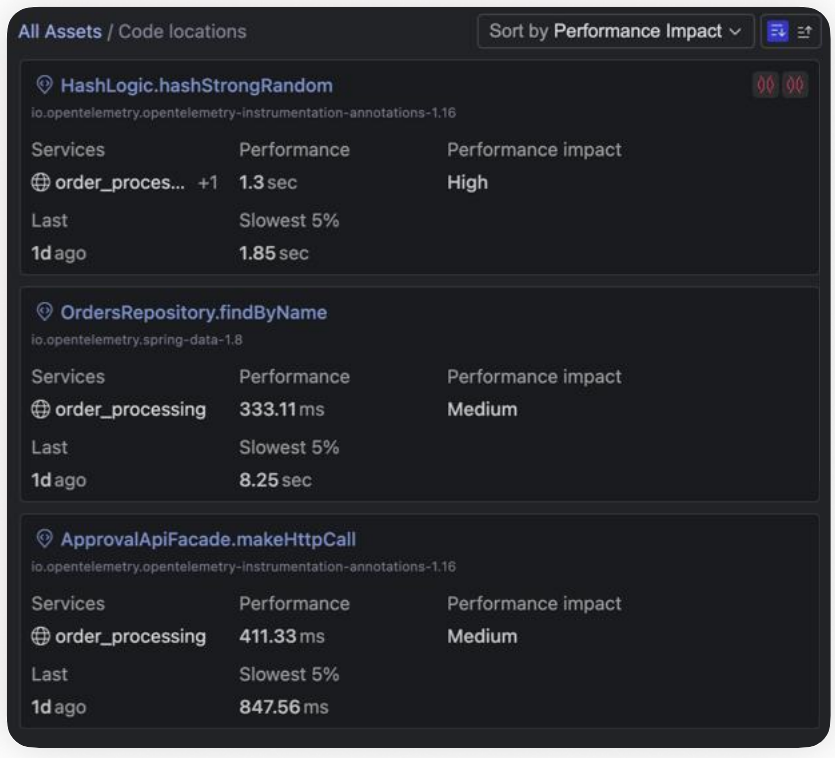


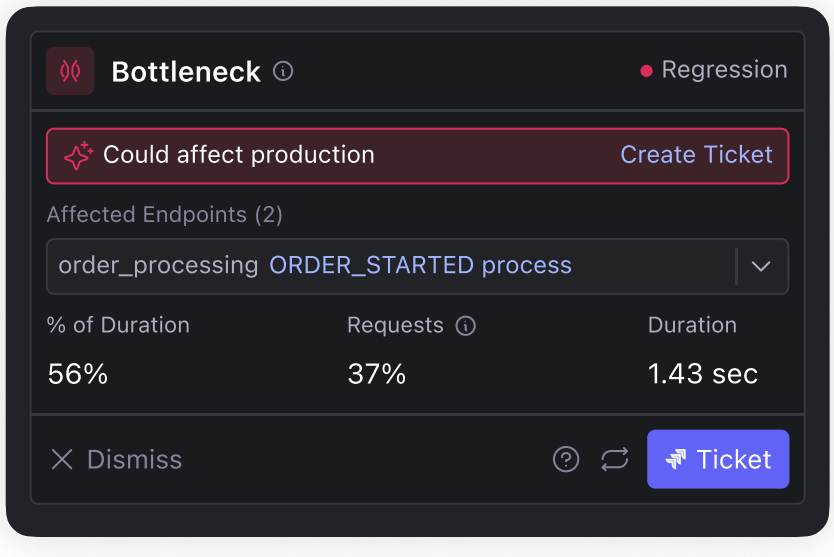
Heat map - Emphasize the most cost impactful area

The heat map highlights the most critical issues in the current version, pinpointing the services most impacted. By concentrating on the red areas, managers can prioritize addressing the most cost-intensive issues first.

Sort code locations according to their overall impact and cost

Digma identifies the most cost-intensive areas within the service and prioritizes them based on their impact, enabling managers to focus on the areas that drive the highest costs. By optimizing these critical areas, managers can enhance efficiency, ultimately reducing overall consumption and costs.





Identified bottleneck issues that are likely to cause high consumption of resources.

Digma identifies quality regressions likely to drive high consumption. For instance, when Digma detects a bottleneck in an environment, it pinpoints the specific code causing the issue and provides key data, such as duration and other relevant metrics, to support its findings.